

Patent Docket P1363R1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Deborah Ann Ansaldi Serial No.: 09/320,100 Filed: 26 MAY 1999 For: SEPARATION OF POLYPEPTIDE MONOMERS	Group Art Unit: 1642 Examiner: J. Hunt <div data-bbox="790 560 1347 840" data-label="Text"> <p>CERTIFICATE OF FACSIMILE TRANSMISSION March 29, 2002 Date of Transmission I hereby certify that this correspondence, consisting of Amendment After Final Rejection and Amendment Transmittal, is being facsimile transmitted to the Assistant Commissioner of Patents, Washington, D.C. 20231. J. Hasak J. Hasak</p> </div>
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AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR §1.116

BOX AF
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is responsive to the Office Action mailed on January 2, 2002 in connection with the above-identified application, which is a final rejection of all the claims. Please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 1 to read as follows.

1. (Four-times amended) A method for purifying polypeptide monomers from a mixture consisting essentially of said polypeptide monomers, and dimers or multimers of said polypeptide monomers or both dimers and multimers of said polypeptide monomers, wherein the method consists essentially of applying the mixture to a cation-exchange or anion-exchange chromatography resin in a buffer, wherein if the resin is cation-exchange, the pH of the buffer is about 4-7, and wherein if the resin is anion-exchange, the pH of the buffer is about 6-9, and eluting the mixture at a gradient of about 0-1 M of an elution salt, wherein the monomer is purified from the dimers or multimers or both present in the mixture, and wherein the purified monomer has a purity of greater than 99.5% and the monomer yield is greater than 90%.